

FIGURE 1

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1 AAGTGCATAAGCCCTCGAGGCCAAGGCCCTGCTACTGCCCGCGCTGCTTCTTAGTCCCGGTTGCGCGCTGGGTGTACCGCGCGCGCGCGAGGA 100
101 AGCCACTGCAACAGGACCGGAGTGGAGCGCGCGCAGCATGAAGCGCGCAGGCGCGCTCCATAGCGCAGCTCGGGAAGGTCTCGGCGCGCGCGCGGGA 200
201 AGGAAAAATGCAACATGCGCAGCAATGGAACAGAACAGCTGGGTGTTGAGATATTTGAACTGCGGACTGTGAGGAGAAATATTGAATCAGAGGATGG 300
M A A A M E T E Q L G V E I F E T A D C E E N I E S Q D R 29
301 CCTAAATTGGAGCCCTTTTATGTTGAGCGGTATCTCTGAGTCACTTAAAGCTGCTGTCGATACCAAGAAATATCATGGCTACATGATGGCTAAGG 400
30 P K L E P F F Y V E R Y S W S Q L K K L L A D T R K Y H G Y M K A K A 63
401 CACCACATGATTTCATGTTTGTGAAGAGGAATGATCCAGATGCGACCTCATTCAGACAGAACTATTACCTTGCCATGTCTGGTGAACAGAGAAATAC 500
63 P H D F H F V K R N D P D G P H S D R I Y Y L A M S G E N R E N T 96
501 ACTGTTTTATTCGAAATTCGCAAACTATCAATAGAGCAGCAGCTCTTAACTGCTCTTGGAAAGCTCTTTTGGATCTTTTTCAGGCAACACTGGACTAT 600
96 L F Y S E I P K T I N R A A V L M L S W K P L L D L F Q A T L D Y 129
601 CGAATGATATCTCGAGAAGAAGAACTATTAAGAGAAAGAAACCGATTGGAACAGTGGAAATGCTTCTTACGATTATCACCAAGGAAGTGGAACTTC 700
130 G H Y S R E E L L R E R K R I G T V G I A S Y D Y H Q S G T F L 163
701 TGTTCAGCGCGGTAGTGGAAATTTATCAGCTAAAGATGGAGGGCCCAAGGATTTACGCAACACCTTTAAGGCCCAATCTAGTGGAACTAGTTGCTC 800
163 F Q A G S G I Y H V K D G G P Q G F T Q Q P L R P N L V E T S C P 196
801 CAACATACGGATGGATCCAAATTTATGCCCGCTGATCCAGACTGGATGCTTTTATACATAGCAACGATATTGGATATCAATCGTAACAGAGAA 900
196 N I R M D P K L C P A D P D W I A F I H S N D I W I S N I V T R E 229
901 GAAAGGAGACTCACTTATGTCACAAATGAGCTAGCAACAATGGAAGAAGATGCCAGATCAGCTGGAGTGGCTACCTTTGTTCTCAAGAAGAAATTTGATA 1000
230 E R R L T Y V H N E L A N H E E D A R S A G V A T F V L Q E E F D R 263
1001 GATATTTCTGGCTATTTGGTGGTGTCCAAAGCTGAAACAACCTCCAGTGGTGGTAAAAATCTTAGAATTTCTATGAAGAAAATGATGAATCTGAGGTGGA 1100
263 Y S G Y W W C P K A E T T P S G G K I L R I L Y E E N D E S E V E 296
1101 AATTATTCATGTTACATCCCTTATGTTGGAACCAAGGAGGGCAGATTCATCCGTTATCTTAAACAGGTACAGCAATCTTAAAGTCACTTTTAAAGATG 1200
I I H V T S P K L E T R R A D S F R Y P K T G T A N P K V T F K H 329
1201 TCAGAAATATGATTGATGCTGAAGGAAGGATCAGATGTCATAGATAAGGAACAAATTCACCTTTTGAAGATTTATTTGAAGGAGTTGAATATATTG 1300
330 S E I M I D A E G R I I D V I D K E L I Q P F E I L F E G V E Y I A 363
1301 CCAGAGCTGGATGGACTCTGAGGGGAAATATGCTTGGTCCATCTACTAGATGCTCCAGAGCTGGCTACAGATAGTGTGATCTCACTGAAATATT 1400
363 R A G W T P E G K Y A W S I L L D R S O T R L Q I V L I S P E L 396
1401 TATCCAGTAGAAGATGATGTTATGGAAGGCGAGAGACTATTGAGTCACTCCCTGATTTCTGAGCCCACTAATTATCTATGAAGAAACACAGACATC 1500
396 I P V E D D V M E R Q R L I E S V P D S V T F L I I Y E E T T D I 429
1501 TGGATAAATATCCATGACATCTTTTATGTTTTTCCCAAGTACAGGAAGGAGAAATGAGTTTATTTTGGCTCTGAATGCAAAACAGGTTTCCTGATT 1600
430 W I N I H D I F H V F P Q S H E E E I E F I F A S E C K T G F R H L 463
1601 TATACAAAATATCATCTATTTTAAAGGAAGCAATATAAAGCCAGTGGTGGGCTGGCTCCAGTGAATTCAGTGTCTTATCAAGAGGAGAT 1700
463 Y K I T S I L K E S K Y K R S S G G L P A P S D F K C P I K E E I 496
1701 AGCAATTACCAAGTGGTGAATGGGAAGTCTTGGCCCGCATGGATCTAATATCAAGTTGATGAAGTCAGAGGCTGGTATATTTGAAGGCCACCAAGAC 1800
496 A I T S G E W E V L G R H G S N I Q V D E V R R L V Y F E G T K D 529
1801 TCCCTTTAGAGGATCACTGTACGTAGTCACTTACGTAAATCTCGAGAGGTGACAGGCTGACTGACCGTGGCTACTCACAATCTTCTGCACTAGTC 1900
530 S P L E H H L Y V V S Y V N P G E V T R L T D R G Y S H S C C I S Q 563
1901 AGCAGTGCATCTTTTATAGTAAGTATAGTAACCAAGAAATCCACATCTGTGTCCTTTACAGCTATCAAGTCTGAGATGACCCCACTTGCAT 2000
563 H C D F F I S K Y S N Q K N P H C V S L Y K L S S P E D D P T C K 596
2001 AACAAAGGAATTTTGGCCACCATTTTGGATTGAGCAGGTCTCTTCTGACTACTCTCCAGAAAATTTCTCTTTTGAAGTACTACTGATTTACA 2100
596 T K E F W A T I L D S A G P L P D Y T P P E I F S F E S T T G F T 629
2101 TTGATGGGATGCTCTACAAGCCTCATGATCTACAGCCTGGAAAGAAATATCTACTGCTGTTTATATATGTTGCTCTCAAGTGCAGTTGTTGAATA 2200
630 L Y G H L Y K P H D L Q P G K K Y F T V L F I Y G G P O V Q L V N N 663
2201 ATGGTTTAAAGGAGTCAAGTATTTCCGCTTGAATACCTAGCCTCTTAGGTTATGCTGTTGTTAGTGAAGACACAGGGAATCTGTTCACGAGGGCT 2300
663 R P K G V K Y F R L N T L A S L G Y V V V V I D N R G S C H R G L 696
2301 TAAATTTGAAGGCCCTTTAAATATAAAATGGGTCAATAGAAATGACGATCAGGTGGAAGGACTCCAAATATCTAGCTTCTGATATGATTTTATTGAC 2400
696 Y F E G A P F Y F M G Q I E I E D C V E G L Q Y L A S F I D P I D 729
2401 TTAGATCTGTGGGATCCAGGCTGGTCTTATGGAAGGATACCTCTCCCTGATGGCAATTAATGACAGGTCAGATATCTTCAAGGTTGCTATTGCTGGG 2500
710 I D R V G I H **2507-2510** G Y L S L M A L M O R S D I F R V A I A G A 763
2501 CCCCAGTCACTCTGTGGATCTTCTATGATACAGGATACACGGAGCTTATATGGGTTATCTGACACAGAAATGAAGGCTATTACTTAGGATCTGTGG 2600
763 P V T L W I F Y D T C Y T E R Y N G H P D O N E Q G Y Y L G S V A 796
2601 CATGCAAGCAGAAAGTTCCCTCTGAAACAAATGCTTTACTGCTCTTACATGCTTCTGGATGAGAAATGCCATTTTGACATACCAAGTATATTACTG 2700
796 M Q A E K P P S E P N R L L L L L H G F L **B** E N V H P A N T S I L 829
2701 AGTTTITTAGTGGGGCTGGAAGCCATATGATTTACAGATCTATCTCCAGGAGAGACACAGCATAGAGTTCTGAAATGGGAGAACATTTGAAGTGC 2800
830 S F L V R A G K P Y D L Q I Y P Q E R **B** S I R V P E S G E H Y E L H 863
2801 ATCTTTGCACTACCTTCAAGAAACCTTGGATCAGGATTTCTGCTCTAAAAGTATATAATTTTGACCTGTGTAGAACTCTCTGTTATACACTGGCTA 2900
863 L L H Y L Q E N L G S R I A A L K V I * 882
2901 TTTAACCAATGAGGAGGTTTAAATCAACAGAAACACAGAAATGATCATCATTTTGAATACCTGCCATGTAACATCTACTCTGAAAAATAATGTTGTC 3000
3001 CCATGCAAGGGCTTACGGTTTGTGTTAGTAATCTAATACCTTAAACCCACATGCTCAAAAATCAAAATGATACATATCTCTGAGAGACCCAGCAATACCAT 3100
3101 AGAATTACTAAAAAAAAAAAAAAAA 3127

FIGURE 2

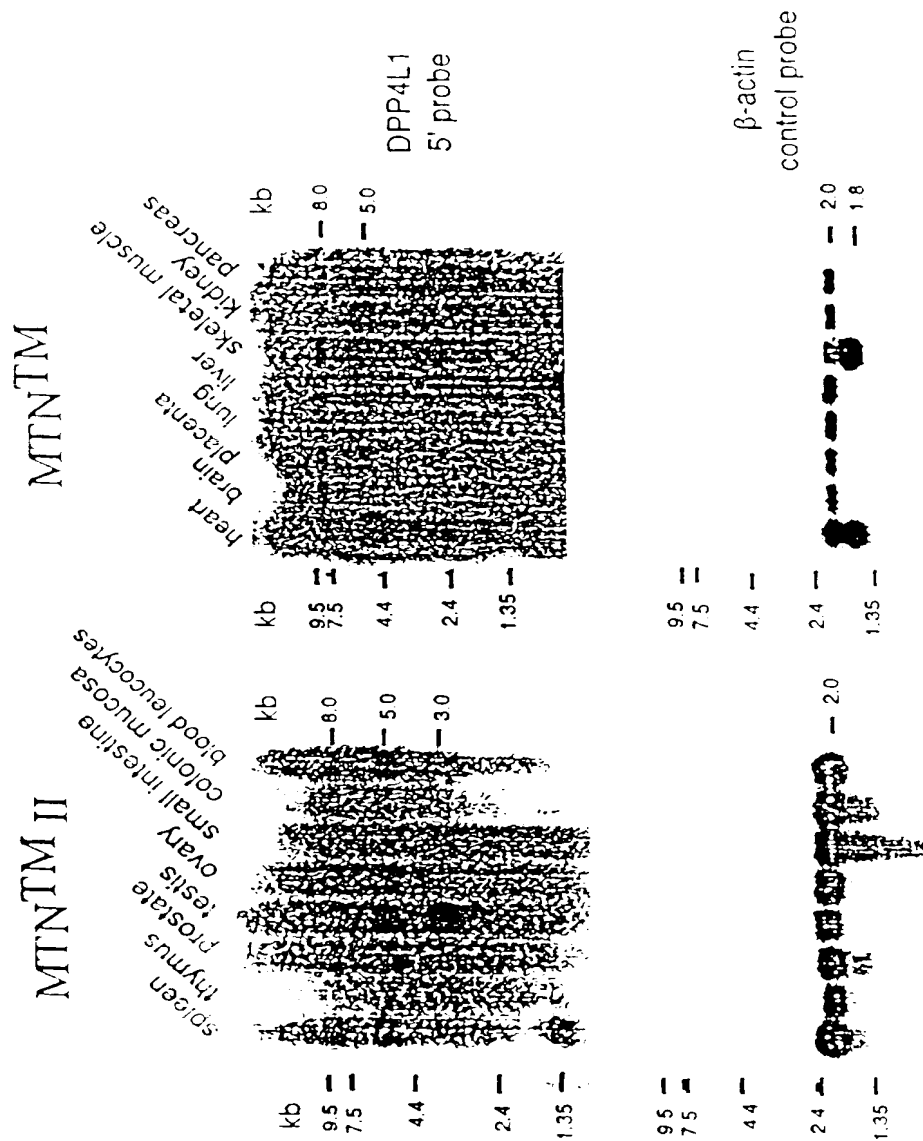


FIGURE 4

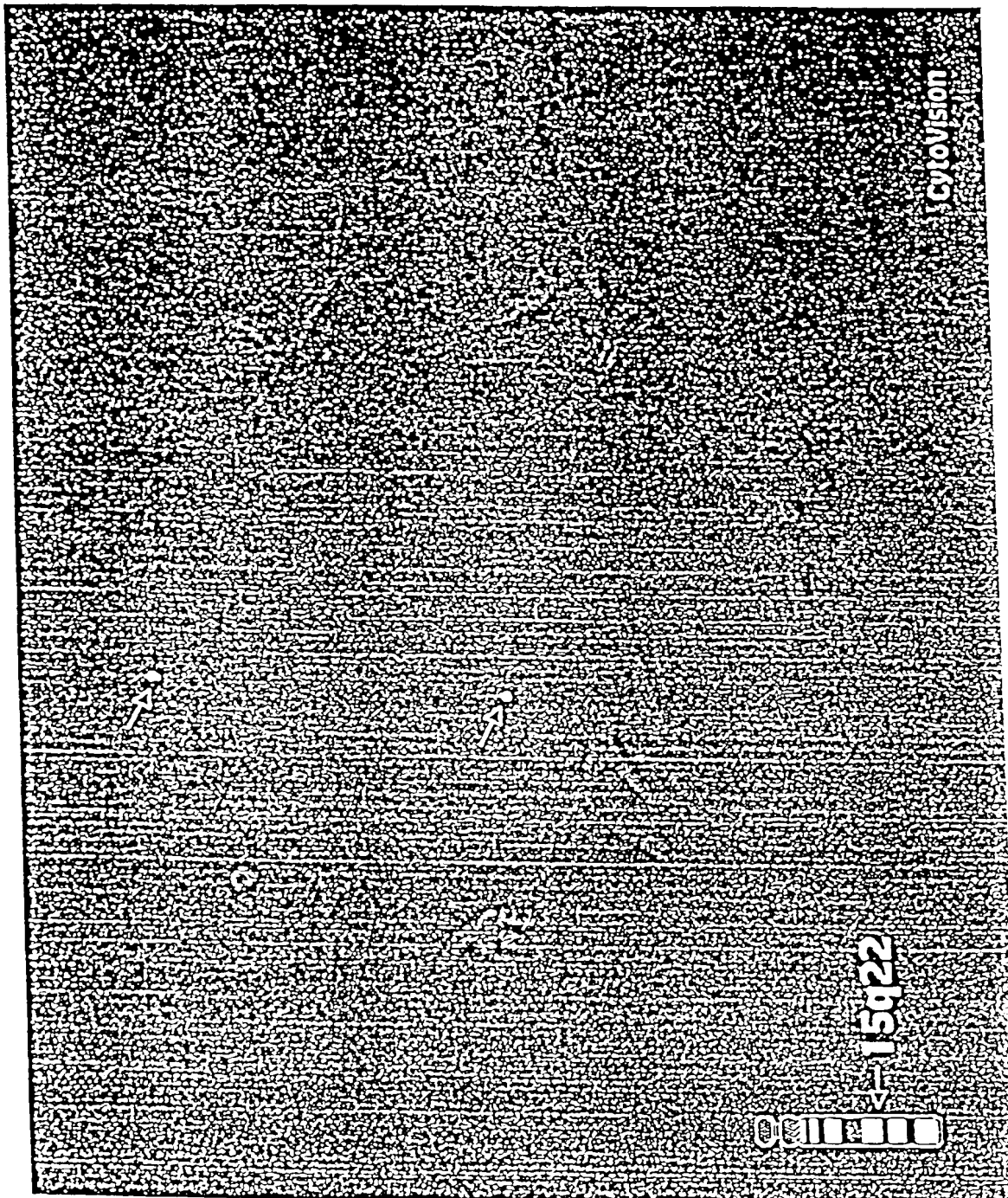
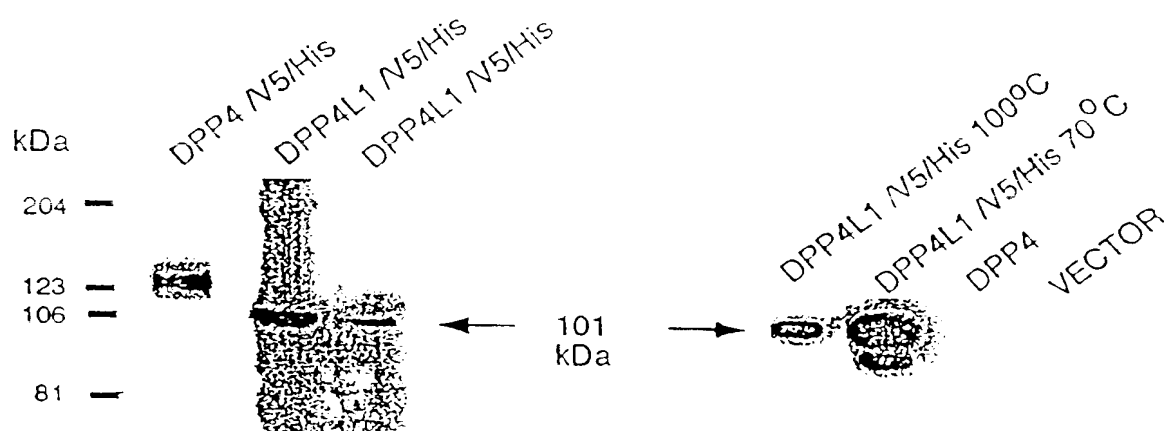


FIGURE 5

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FIGURE 6

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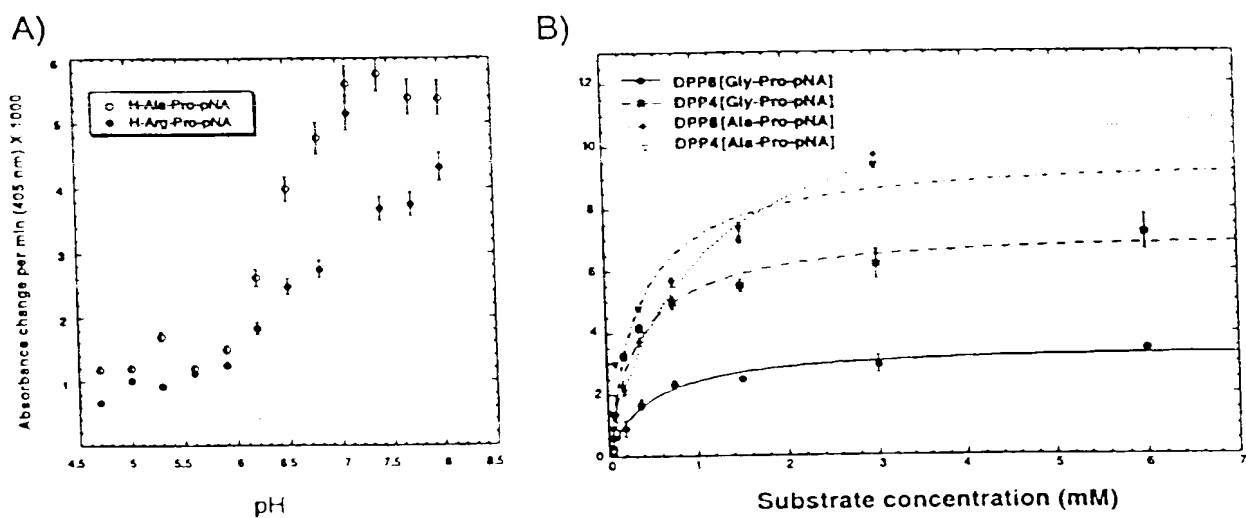


FIGURE 7

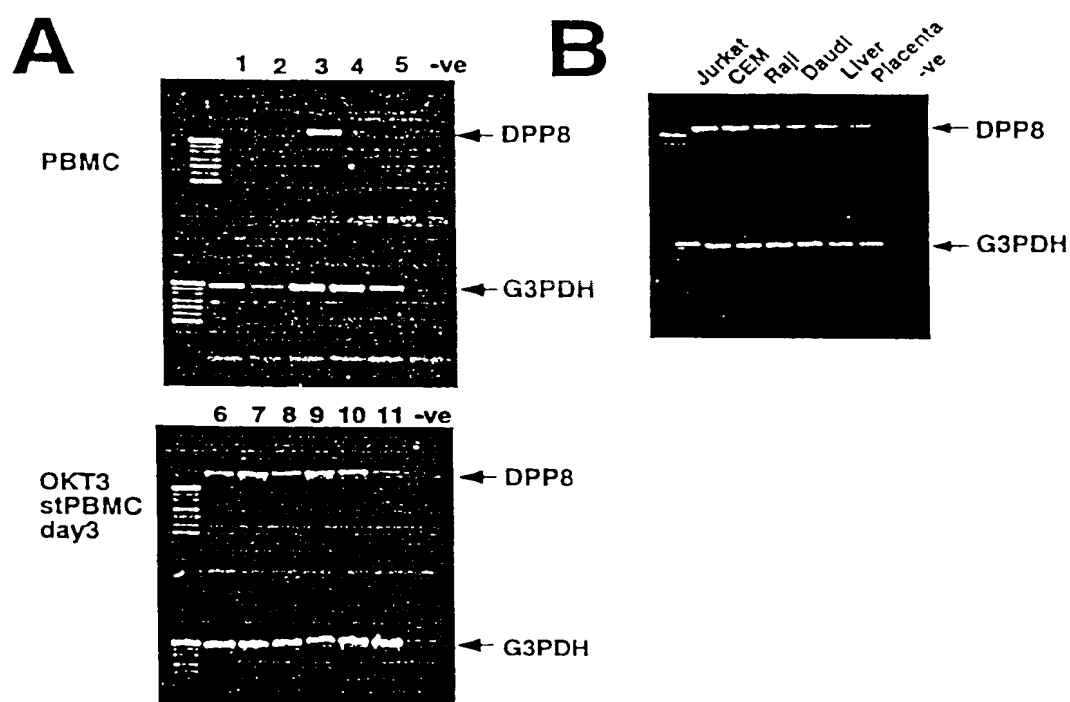


FIGURE 8

FIGURE 9A

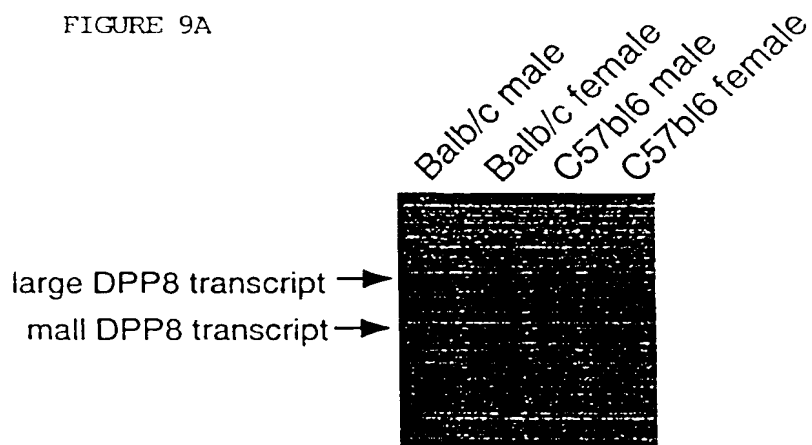


FIGURE 9B

